

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT:

- (A) NAME: NOVO NORDISK A/S
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- (C) CITY: DK-2880 Bagsvaerd
- (E) COUNTRY: Denmark
- (F) POSTAL CODE (ZIP): DK-2880
- (G) TELEPHONE: +45 44 44 88 88
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(ii) TITLE OF INVENTION: AMYLASE VARIANTS

(iii) NUMBER OF SEQUENCES: 7

(iv) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 485 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

His His Asn Gly Thr Asn Gly Thr Met Met Gln Tyr Phe Glu Trp Tyr
1 5 10 15

Leu Pro Asn Asp Gly Asn His Trp Asn Arg Leu Arg Asp Asp Ala Ala
20 25 30

Asn Leu Lys Ser Lys Gly Ile Thr Ala Val Trp Ile Pro Pro Ala Trp
35 40 45

Lys Gly Thr Ser Gln Asn Asp Val Gly Tyr Gly Ala Tyr Asp Leu Tyr
50 55 60

Asp Leu Gly Glu Phe Asn Gln Lys Gly Thr Val Arg Thr Lys Tyr Gly
65 70 75 80



#3 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/025,648

DATE: 02/14/2002

TIME: 19:31:56

Input Set : N:\Crf3\RULE60\10025648.txt

Output Set: N:\CRF3\02142002\J025648.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Bisgard-Frantzen, Henrik
7 Svendsen, Allan
8 Borchert, Torben Vedel

10 (ii) TITLE OF INVENTION: AMYLASE VARIANTS

12 (iii) NUMBER OF SEQUENCES: 32

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Novo Nordisk of North America, Inc.

16 (B) STREET: 405 Lexington Avenue, Suite 6400

17 (C) CITY: New York

18 (D) STATE: New York

19 (E) COUNTRY: U.S.A.

20 (F) ZIP: 10174-6401

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Floppy disk

24 (B) COMPUTER: IBM PC compatible

25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/10/025,648

C--> 30 (B) FILING DATE: 19-Dec-2001

36 (C) CLASSIFICATION:

33 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: 08/600,656

35 (B) FILING DATE: 13-FEB-1996

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Lambiris, Elias J.

40 (B) REGISTRATION NUMBER: 33,728

41 (C) REFERENCE/DOCKET NUMBER: 4318.204-US

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: 212 867 0123

45 (B) TELEFAX: 212 867 0298

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 485 amino acids

52 (B) TYPE: amino acid

53 (C) STRANDEDNESS: single

54 (D) TOPOLOGY: linear

56 (ii) MOLECULE TYPE: peptide

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

60 His His Asn Gly Thr Asn Gly Thr Met Met Gln Tyr Phe Glu Trp Tyr
61 1 5 10 15

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